Figure 1(A)

SARS-Cov (NC_004718.3)
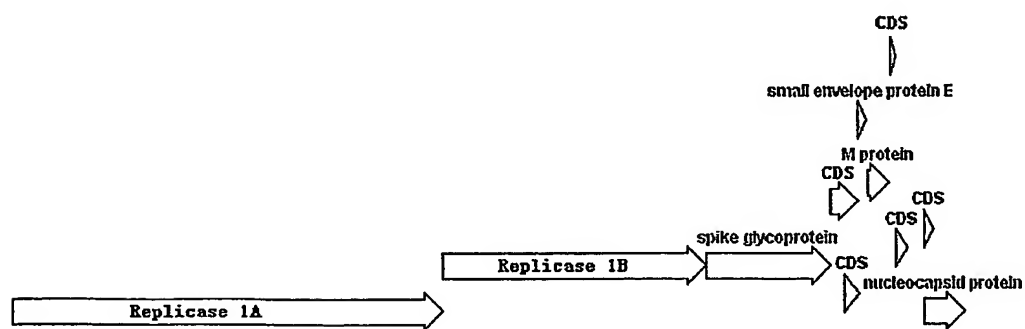29751 bp

Figure 1(B)

| | Wide opening, with lid, sealed |

| 0.9% NaCl | | Acetylcystein inside |

Consideration of design:
Advantage1: wide opening, easy to collect sample, anti-pollution
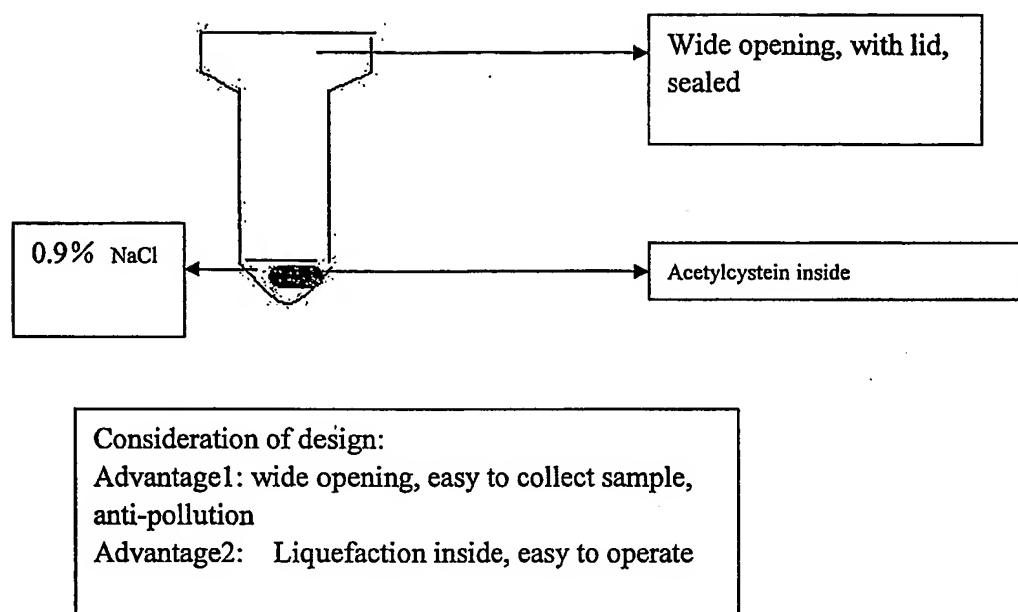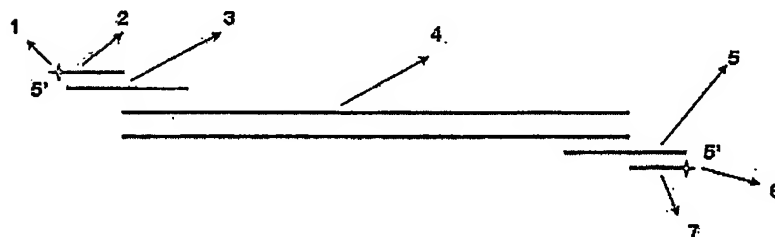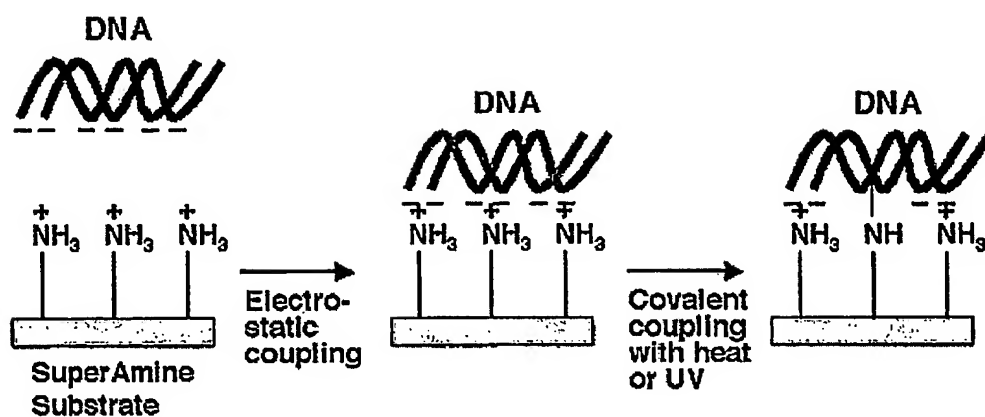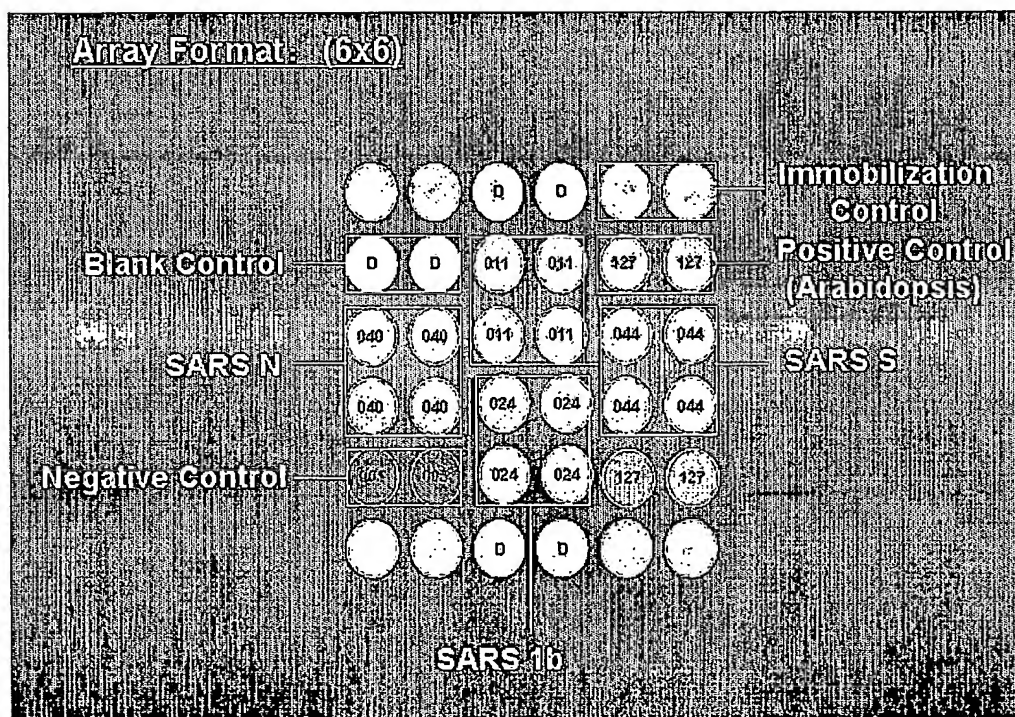Advantage2:   Liquefaction inside, easy to operate
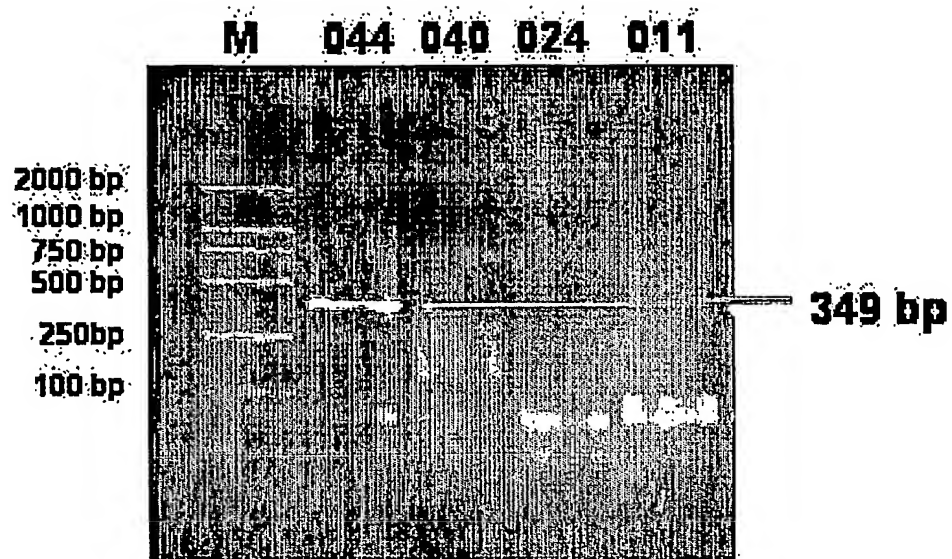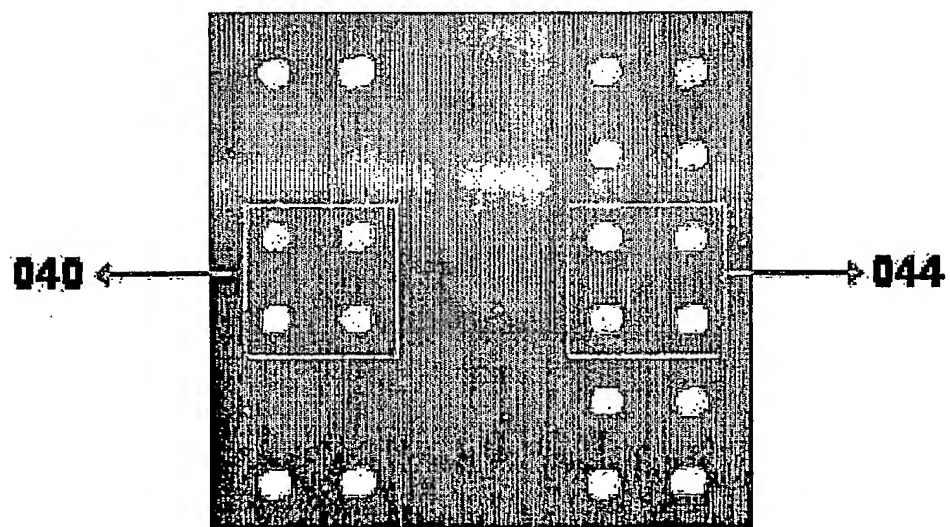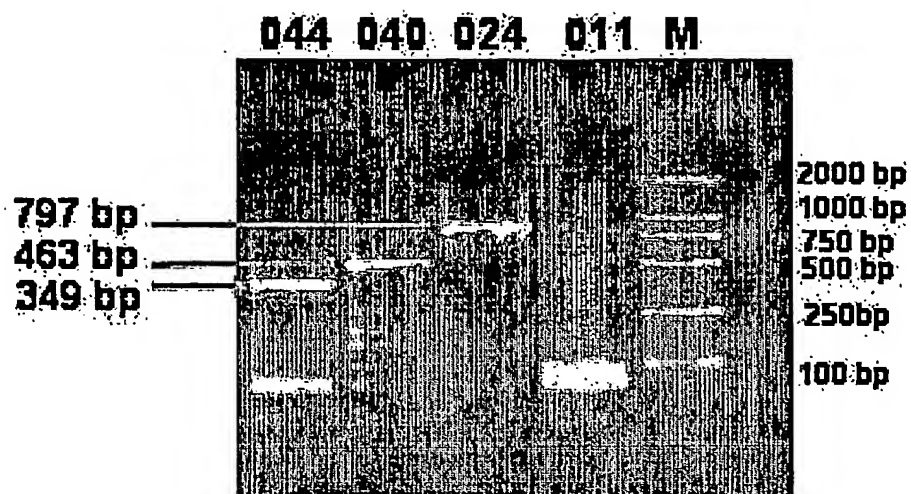
Figure 2

Figure 3
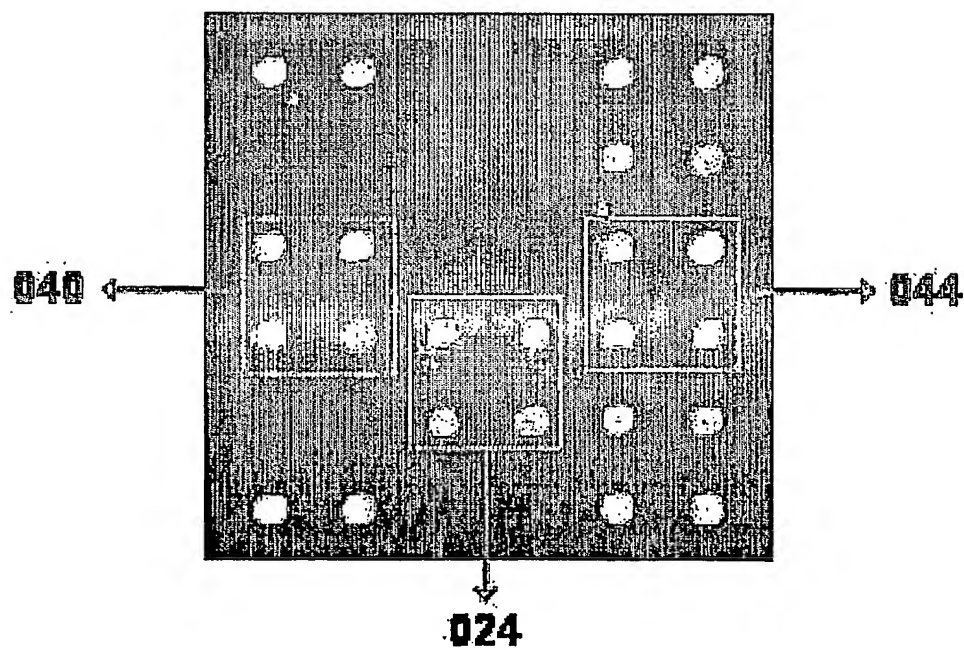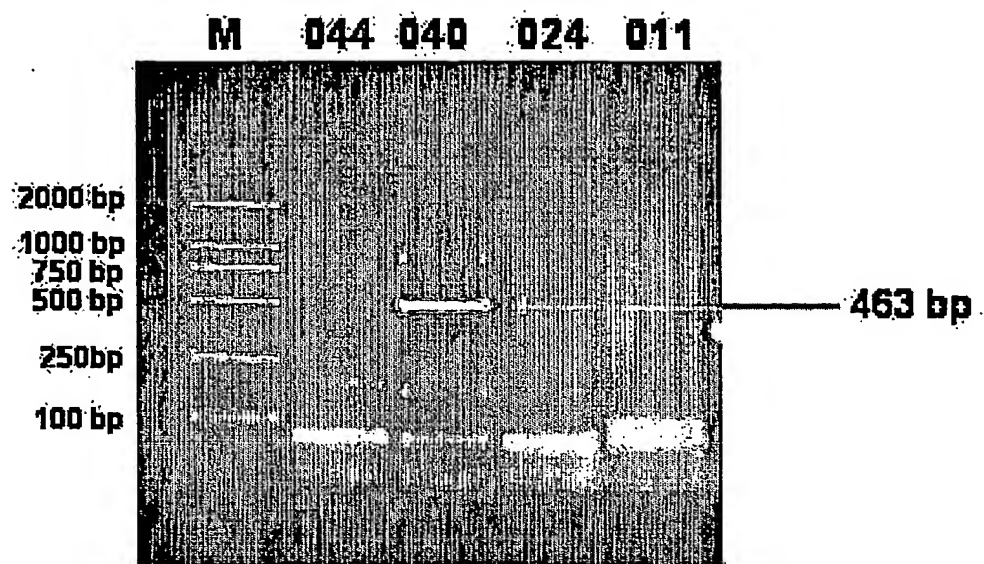
Figure 4

Figure 5

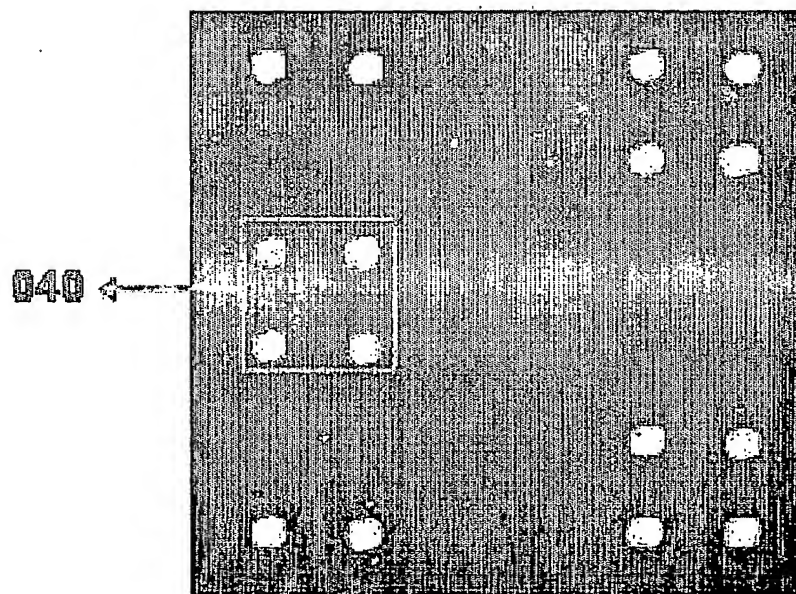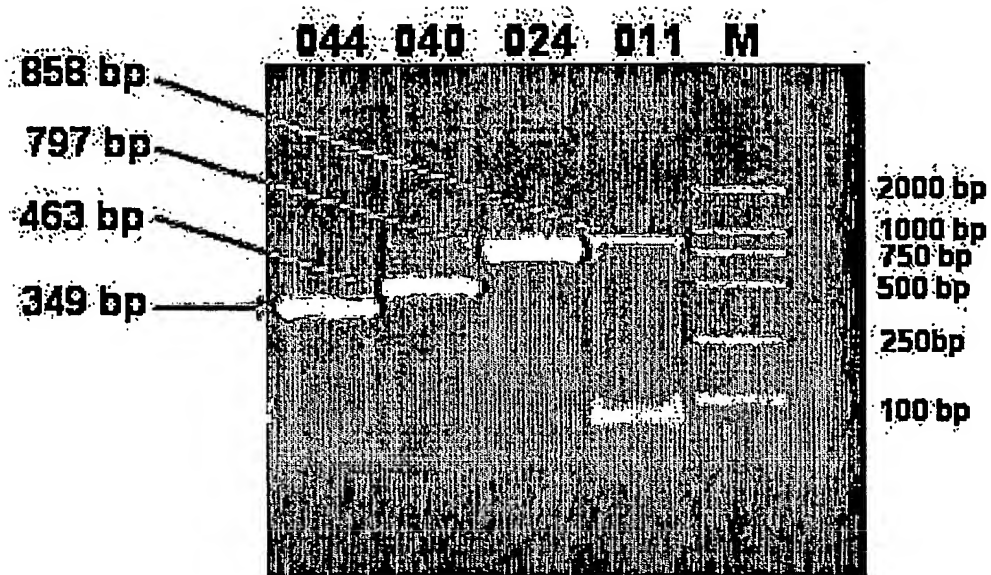Figure 6(A)

Figure 6(B)

Figure 7(A)

Figure 7(B)

Figure 8(A)

Figure 8(B)

Figure 9(A)
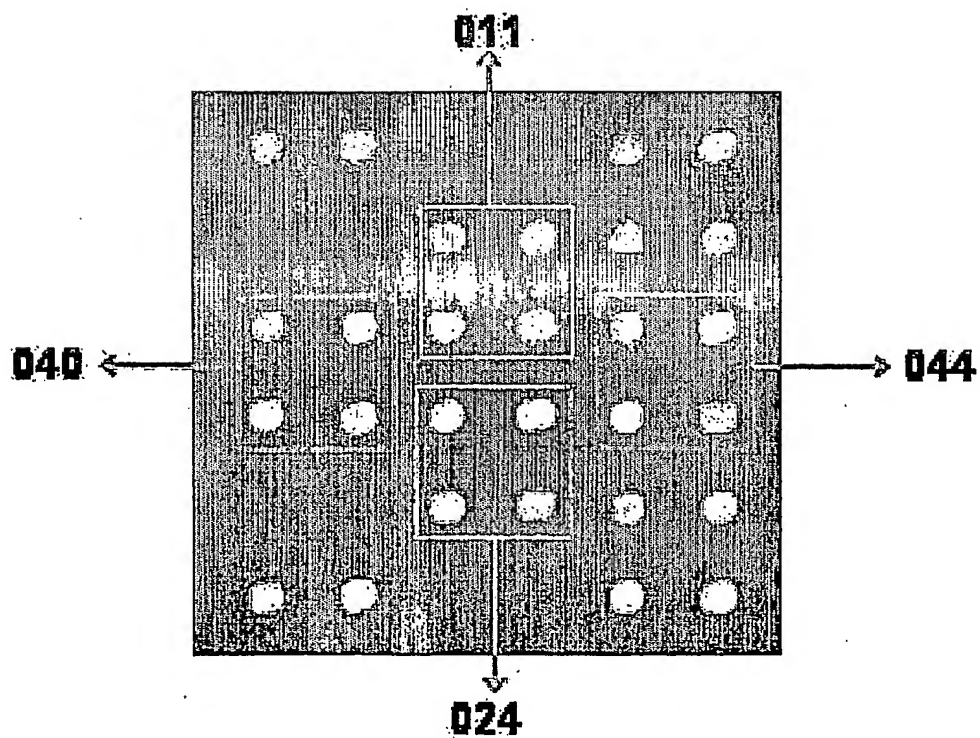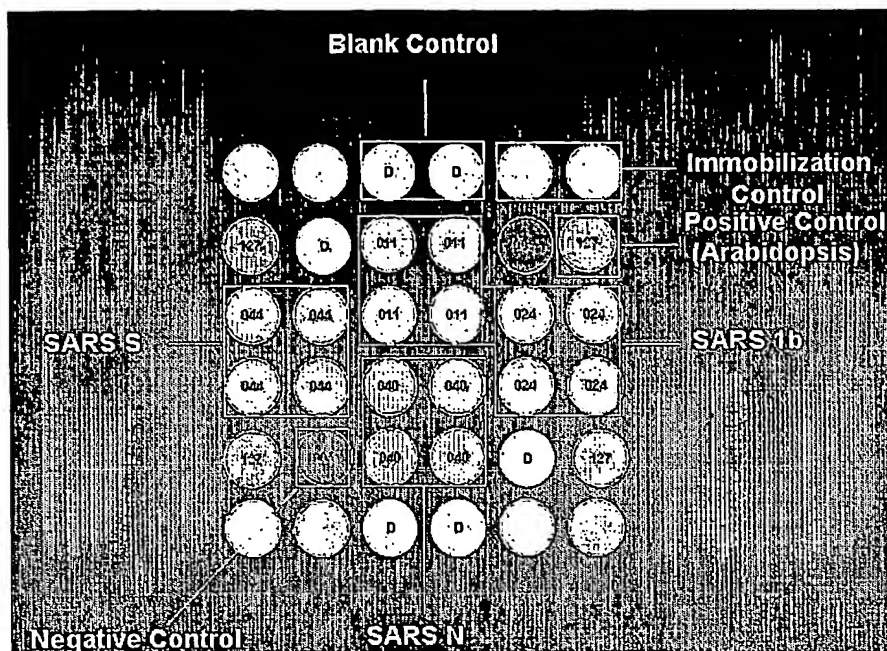

Figure 9(B)

Figure   10
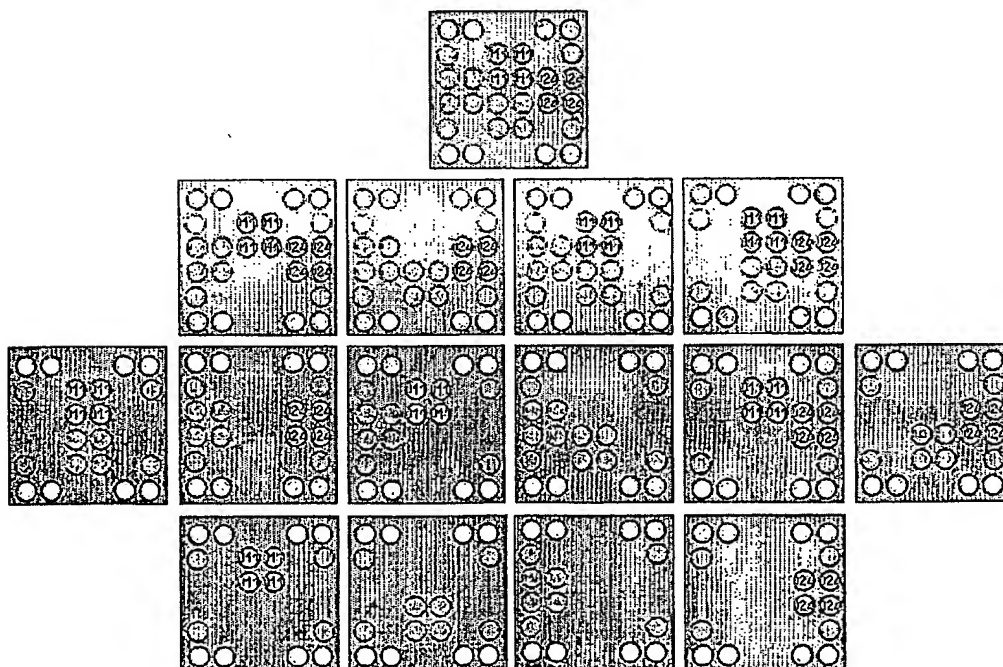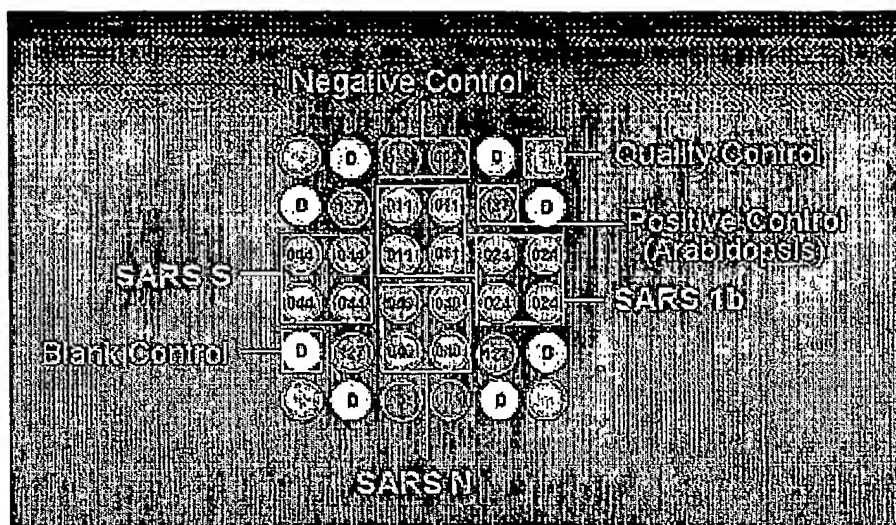

Figure 11

Figure 12

Figure 13

The rules for identification of a patient who has been infected by SARS-CoV.

The fifteen positive gene chip hybridization patterns which indicate the corresponding person has been infected by SARS-CoV are as follows:

HEX		127	127		HEX
	GAPD	011	011	GAPD	
		011	011		
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
		024	024		
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
		011	011	044	044
				044	044
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
040	040	011	011		
040	040				
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
040	040			044	044
040	040			044	044
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
		011	011	044	044
		024	024	044	044
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
040	040	011	011	044	044
040	040			044	044
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
040	040	011	011	044	044
040	040	024	024	044	044
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
				044	044
				044	044
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
040	040				
040	040				
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
		011	011		
		024	024		
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
				044	044
		024	024	044	044
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
040	040	024	024		
040	040	024	024		
	GAPD			GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD	011	011	GAPD	
040	040	011	011		
040	040	024	024		
	GAPD	024	024	GAPD	
HEX		127	127		HEX

HEX		127	127		HEX
	GAPD			GAPD	
040	040			044	044
040	040	024	024	044	044
	GAPD	024	024	GAPD	
HEX		127	127		HEX

The negative gene chip hybridization pattern which indicate the corresponding person hasn't been infected by SARS-CoV is as below:

HEX		127	127		HEX
	GAPD			GAPD	
	GAPD			GAPD	
HEX		127	127		HEX

Figure 14